

# METHOD AND SYSTEM FOR MANAGING PARTS REQUIREMENTS PROCESSES

## ABSTRACT OF THE DISCLOSURE

The bill of material assist tool overcomes or alleviates the shortcomings of the prior art by providing a method and system for managing parts requirements processes, including generating detailed bills of material with key information necessary for component selection and generation and which indicates multiple sources for those components. The system includes a host system including a workstation; a server; a network connection for allowing the workstation and server to communicate; and a storage device coupled to the workstation. The system also includes a data storage device housing databases of parts information, procurement information, computer-aided drafting information, approved vendors lists, and bill of material files. One or more of these databases may be supplemented with or substituted by commercially provided databases and/or applications. The commercially provided databases and/or applications are provided via a network connection with enterprise 101 such as an Internet, extranet, or virtual private network. The bill of material assist tool allows users to collect and view parts data from a multitude of sources and make faster purchasing and design decisions for electronic card designs.